



IFW 3-737

PTO/SB/21 (02-04)
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/246,603	
	Filing Date	02/08/1999	
	First Named Inventor	David Lloyd Brown	
	Art Unit	3737	
	Examiner Name	Ruth S. Smith	
Total Number of Pages in This Submission	13	Attorney Docket Number	14351-0202

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Bruce M. Canter, Reg. No. 34,792
Signature	<i>Bruce M. Canter</i>
Date	7/9/04

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Maria Nadal

Maria Nadal

PATENT

Applicant: **David Lloyd Brown**

Serial No.: 09/246,603

Filed: 02/08/1999

Title: System for Locating
Inflamed Plaque in a Vessel

EXAMINER: RUTH S. SMITH

Group Art Unit: 3737

Atty Docket No.: 14351-0202

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT
(37 CFR 1.121)

Dear Sir:

The Applicant submits the following Response to the Notice of Non-Compliant Amendment dated June 30, 2004 in the above referenced patent application.

Amendments to the Claims which were submitted in Applicant's reply previously filed on April 29, 2004, are reprinted below for the Examiner's convenience and reflected in the listing of claims which begins on page 2 of this paper.

The Remarks begin on page 11 of this paper.